From the INTERNATIONAL SEARCHING AUTHORITY

To: HENRY TANG BAKER BOTTS L.L.P. 30 ROCKEFELLER PLAZA NEW YORK, NY 10112-4498 MAR	PCT NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL SEARCH REPORT OR THE DECLARATION (PCT Rule 44.1)			
,	Date of Mailing (day/month/year) 26 FEB 2004			
Applicant's or agent's file reference 35413-PCT	FOR FURTHER ACTION See paragraphs 1 and 4 below			
International application No. PCT/US03/25954	International filing date (day/month/year) 19 August 2003 (19.08.2003)			
Applicant THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF				
1. The applicant is hereby notified that the international search report has been established and is transmitted herewith. Filing of amendments and statement under Article 19: The applicant is entitled, if he so wishes, to amend the claims of the international application (see Rule 46):				
When? The time limit for filing such amendments is normally two months from the date of transmittal of the international search report.				
Where? Directly to the International Bureau of WIPO, 34, chemin des Colombettes 1211 Geneva 20, Switzerland, Facsimile No.: (41-22) 740.14.35				
For more detailed instructions, see the notes on the accompanying sheet.				
2. The applicant is hereby notified that no international search report will be established and that the declaration under Article 17(2)(a) to that effect is transmitted herewith.				
3. With regard to the protest against payment of (an) addi	tional fee(s) under Rule 40.2, the applicant is notified that:			
the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices. no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made.				
4. Reminders				
Shortly after 18 months from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau as provided in Rules 90 bis.1 and 90 bis.3, respectively, before the completion of the technical preparations for international publication.				
Within 19 months from the priority date, but only in respect of some designated Offices, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices even later); otherwise the applicant must, within 20 months from the priority date, perform the prescribed acts for entry into the national phase before those designated Offices.				
In respect of other designated Offices, the time limit of 30 months (or later) will apply even if no demand is filed within 19 months.				
See the Annex to Form PCT/IB/301 and, for details about the applicable time limits, Office by Office, see the PCT Applicant's Guide, Volume II, National Chapters and the WIPO Internet site.				
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450	Authorized officer Sharm 5. Appe			
Alexandria, Virginia 22313-1450 Facsimile No. (703) 305-3230	Telephone No. 703-308-4919			

Form PCT/ISA/220 (April 2002)



PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

	licant's	or agent's file reference	FOR FURTHER ACTION	see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicabl item 5 below.			
	International application No. International filing date (day/month/year) 19 August 2003 (19.08.2003) [Earliest) Priority Date (day/month/year) 19 August 2002 (19.08.2002)			(Earliest) Priority Date (day/month/year) 19 August 2002 (19.08.2002)			
	licant E TRUS	TEES OF COLUMBIA UNIV	ERSITY IN THE CITY OF				
acco	ording to	Article 18. A copy is being tional search report consists	transmitted to the International B of a total of sheets.	ureau.	ethority and is transmitted to the applicant		
			by a copy of each prior art docum	nent cited	in this report.		
1.	 Basis of the Report a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item. 						
			carried out on the basis of a translat	ion of the i	international application furnished to this		
	Authority (Rule 23.1(b)). b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing:						
		contained in the international	l application in written form.		*		
		filed together with the intern	ational application in computer read	able form.			
		furnished subsequently to thi	s Authority in written form.		,		
furnished subsequently to this Authority in computer readable form.					·		
the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.							
		the statement that the inform been furnished.	ation recorded in computer readable	form is id	entical to the written sequence listing has		
2. Certain claims were found unsearchable (See Box I).							
3. Unity of invention is lacking (See Box II).							
4.	With re	egard to the title,	than different country and the country				
	\forall	the text is approved as submi	, ,,				
		the text has been established	by this Authority to read as follows	:			
5.	With re	egard to the abstract,					
		the text is approved as subm	itted by the applicant.				
	\boxtimes	the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.					
6.	The fig	ure of the drawings to be pub	lished with the abstract is Figure No	o. <u>1A</u>			
	\boxtimes	as suggested by the applicant			None of the figures		
		because the applicant failed t	o suggest a figure.		-		
		because this figure better cha	aracterizes the invention.				

Form PCT/ISA/210 (first sheet) (July 1998)



International application No.

PCT/US03/25954

Box	III	TEXT OF THE	ABSTRACT	(Continuation of	Item 5	of the fir	rst sheet)
-----	-----	-------------	----------	------------------	--------	------------	------------

The technical features mentioned in the abstract do not include a reference sign between parentheses (PCT Rule 8.1(d)).

NEW ABSTRACT

A process and system for processing a thin film sample (170) are provided. In particular, a beam generator (110) can be controlled to emit at least one beam pulse (111). The beam pulse (111) is then masked to produce at least one masked beam pulse (164), which is used to irradiate at least one portion (510) of the thin film sample (170). With the at least one masked beam pulse (164), the portion (510) of the film sample (170) is irradiated with sufficient intensity for such portion to later crystallize. This portion (510) of the film sample (170) is allowed to crystallize so as to be composed of a first area (518) and a second area (515). Upon the crystallization thereof, the first area (518) includes a first set of grains, and the second area (515) includes a second set of grains whose at least one characteristic is different from at least one characteristic of the second set of grains. The first area (518) surrounds the second area (515), and is configured to allow an active region (618) of a thin film transistor (TFT) (610) to be provided at a distance therefrom.

Form PCT/ISA/210 (continuation of first sheet(2)) (July 1998)

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/25954

			.170303/23934		
	FICATION OF SUBJECT MATTER			_	
IPC(7) :	H01L 21/20, 21/36, 29/04				
US CL :	438/487,482,486,488,481,166; 257/66,69,70,7	15			
According to Inte	ernational Patent Classification (IPC) or to both na	ational classification and IPO	C		
B. FIELDS	SEARCHED				
	nentation searched (classification system followed 487,482,486,488,481,166; 257/66,69,70,75	by classification symbols)	<u></u> -		
Documentation so NONE	searched other than minimum documentation to the	extent that such documents	s are included in the fields searched		
Electronic data be EAST search ter	rase consulted during the international search (nam rms: thin film sample, mask pattern, crystallize, g	e of data base and, where pgrains, TFT	oracticable, search terms used)		
C. DOCUM	ENTS CONSIDERED TO BE RELEVANT				
Category *	Citation of document, with indication, where a	ppropriate, of the relevant r	passages Relevant to claim No	_	
	S 4,309,225 A (FAN et al.) 05 January 1982 (05.0	01.1982), see entire docume	ent. 1-33	<u>'·</u>	
A US	US 6,169,014 B1 (MCCULLOCH) 02 January 2001 (02.01.2001), see entire document.				
A US	US 5,591,668 A (MAEGAWA et a l.) 07 January 1997 (07.01.1997), see entire document.				
Further door					
	numents are listed in the continuation of Box C.	See patent family	*		
A* document defining the general state of the art which is not considered to be of particular relevance		date and not in confi principle or theory u	lished after the international filing date or priority flict with the application but cited to understand th underlying the invention	ıc	
'E" earlier applicati	ion or patent published on or after the international filing date	considered novel or	alar relevance; the claimed invention cannot be cannot be considered to involve an inventive step	p	
'L" document which establish the pul specified)	h may throw doubts on priority claim(s) or which is cited to iblication date of another citation or other special reason (as	"Y" document of particul considered to involve	when the document is taken alone document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is		
O* document referr	ring to an oral disclosure, use, exhibition or other means	being obvious to a p	or more other such documents, such combination person skilled in the art		
priority date cla			of the same patent family		
Date of the actual	completion of the international search	Date of mailing of the inte	rnational search report		
23 February 2004		96 FFB 21	004 .		
	g address of the ISA/US	Authorized officer			
	p PCT, Attn: ISA/US	Minhloan T. Tran Tham O. Ample			
P.O. Box	sioner for Patents	Miliulioali I. IIali	v •		
	ria, Virginia 22313-1450	Telephone No. 703-308-49	919		

NOTES TO FORM PCT/ISA/220

These Notes are intended to give the basic instructions concerning the filing of amendments under Article 19. The Notes are based on the requirements of the Patent Cooperation Treaty, the Regulations and the Administrative Instructions under that Treaty. In case of discrepancy between these Notes and those requirements, the latter are applicable. For more detailed information, see also the *PCT Applicant's Guide*, a publication of WIPO.

In these Notes, "Article," "Rule" and "Section" refer to the provisions of the PCT, the PCT Regulations and the PCT Administrative Instructions, respectively.

INSTRUCTIONS CONCERNING AMENDMENTS UNDER ARTICLE 19

The applicant has, after having received the international search report, one opportunity to amend the claims of the international application. It should however be emphasized that, since all parts of the international application (claims, description and drawings) may be amended during the international preliminary examination procedure, there is usually no need to file amendments of the claims under Article 19 except where, e.g. the applicant wants the latter to be published for the purposes of provisional protection or has another reason for amending the claims before international publication. Furthermore, it should be emphasized that provisional protection is available in some States only.

What parts of the international application may be amended?

Under Article 19, only the claims may be amended.

During the international phase, the claims may also be amended (or further amended) under Article 34 before the International Preliminary Examining Authority. The description and drawings may only be amended under Article 34 before the International Preliminary Examining Authority.

Upon entry into the national phase, all parts of the international application may be amended under Article 28 or, where applicable, Article 41.

When? Within 2 months from the date of transmittal of the international search report or 16 months from the priority date, whichever time limit expires later. It should be noted, however, that the amendments will be considered as having been received on time if they are received by the International Bureau after the expiration of the applicable time limit but before the completion of the technical preparations for international publication (Rule 46.1).

Where not to file the amendments?

The amendments may only be filed with the International Bureau and not with the receiving Office or the International Searching Authority (Rule 46.2).

Where a demand for international preliminary examination has been/is filed, see below.

How? Either by cancelling one or more entire claims, by adding one or more new claims or by amending the text of one or more of the claims as filed.

A replacement sheet must be submitted for each sheet of the claims which, on account of an amendment or amendments, differs from the sheet originally filed.

All the claims appearing on a replacement sheet must be numbered in Arabic numerals. Where a claim is cancelled, no renumbering of the other claims is required. In all cases where claims are renumbered, they must be renumbered consecutively (Administrative Instructions, Section 205(b)).

The amendments must be made in the language in which the international application is to be published.

What documents must/may accompany the amendments?

Letter (Section 205(b)):

The amendments must be submitted with a letter.

The letter will not be published with the international application and the amended claims. It should not be confused with the "Statement under Article 19(1)" (see below, under "Statement under Article 19(1)").

The letter must be in English or French, at the choice of the applicant. However, if the language of the international application is English, the letter must be in English; if the language of the international application is French, the letter must be in French.